

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	763	(Ishikawa near2 Tadashi)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/25 09:32
L2	17	(Nakashima near2 Kiyotaka)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/25 09:32
L3	28	(Nose near2 Tetsuro)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/25 09:32
L4	180	(L1 or L2 or L3) and (ultra\$2so \$8 or peen\$4 or weld\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/25 09:32
L5	13	L4 and ("2009" or "2010").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/25 09:32
L17	2	"6171415".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/25 09:36
L18	2	JP "09234585"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/25 09:36
L21	2	JP "2003113418"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/25 09:36

L23	6	L17 or L18 or L21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/02/25 09:37
S1	726	(Ishikawa near2 Tadashi)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:53
S2	16	(Nakashima near2 Kiyotaka)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:53
S3	28	(Nose near2 Tetsuro)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:54
S4	164	(S1 or S2 or S3) and (ultra\$2so \$8 or peen\$4 or weld\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:54
S5	566	S1 not S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:54
S6	1	JP "09010985"	DERWENT	ADJ	ON	2009/01/04 03:56
S7	1	JP "08174422"	DERWENT	ADJ	ON	2009/01/04 03:56
S8	1	US "6338765"	DERWENT	ADJ	ON	2009/01/04 03:57
S9	1	US "6171415"	DERWENT	ADJ	ON	2009/01/04 03:57
S10	1	WO "2004040023"	DERWENT	ADJ	ON	2009/01/04 03:57
S11	1	US "20060137777"	DERWENT	ADJ	ON	2009/01/04 03:57
S12	1	US "20050242066"	DERWENT	ADJ	ON	2009/01/04 03:57
S13	1	US "20020014100"	DERWENT	ADJ	ON	2009/01/04 03:57
S14	1	US "6467321"	DERWENT	ADJ	ON	2009/01/04 03:57

S15	1	US "20070134059"	DERWENT	ADJ	ON	2009/01/04 03:57
S16	6	S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15	DERWENT	ADJ	ON	2009/01/04 03:58
S17	8	(JP-09010985-\$ or JP-08174422-\$ or WO-2004033144-\$ or US-20050242066-\$ or WO-2004040023-\$ or US-20020014100-\$ or US-6171415-\$ or US-6338765-\$).did.	DERWENT	ADJ	ON	2009/01/04 03:58
S18	164	S4 not S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:58
S19	194	(S1 or S2 or S3) and (ultra\$2so \$8 or peen\$4 or weld\$4 or pin or pinning or pinned)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:01
S20	2	JP "2003113418"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:03
S21	2	JP "2004130313"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:03
S22	9	("20020056303"   "20020069687"   "20020124402"   "20020189726"   "5625664"   "6289705"   "6338765"   "6467321"   "6926780").PN. OR ("7399371").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 04:05
S23	25	("2356314"   "3150888"   "3349461"   "3359611"   "3451490"   "3595325"   "3609851"   "3680643"   "3937055"   "6171415").PN. OR ("6467321").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 04:08

S24	73	("1703111"   "1770932"   "20020014100"   "20020037219"   "20020043313"   "20040173290"   "20040244882"   "20050145306"   "20050242066"   "20060016858"   "20060057836"   "20060237104"   "2537533"   "3210843" "3274033"   "3622404" "3650016"   "3661655" "3782160"   "3864542" "3945098"   "3961739" "4049186"   "4126031" "4214923"   "4250726" "4330699"   "4453392" "4491001"   "4624402" "4823599"   "4887662" "4968359"   "5035142" "5166885"   "5193375" "5242512"   "5286313" "5302218"   "5330790" "5352305"   "5525429" "5569018"   "5654992" "5664648"   "5674328" "5756965"   "5771729" "5826453"   "5841033" "5976314"   "6144012" "6171415"   "6223974" "6225598"   "6269669" "6289705"   "6289736" "6338765"   "6458225" "6467321"   "6517319" "6722175"   "6843957" "6932876"   "7032725"   "RE16599").PN. OR ("7344609").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 04:09
S25	2	JP "2002220647"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:28
S26	3105	(Nippon Steel) and (ultra\$2so\$8 or peen\$4 or pin or pinned or pinning)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:29
S27	534	(Nippon Steel) and (ultra\$2so\$8 or peen\$4 or pin or pinned or pinning) and (weld\$4) not S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:29

S28	98	(Nippon Steel) and (ultra\$2so \$8) same (pin or pinned or pinning or peen or peened or peening or impact\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:30
S29	81	(Nippon Steel) and (ultra\$2so \$8) same (pin or pinned or pinning or peen or peened or peening or impact\$4) not S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:30
S30	100	(S22 or S23 or S24)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:37
S31	20	(US-20050230010-\$).did. or (US-6467321-\$).did. or (JP-2003183769-\$ or JP-2004169105-\$ or JP-2004169103-\$ or JP-2004169099-\$ or JP-2004169078-\$ or JP-2004167519-\$ or JP-2003113418-\$).did. or (JP-09010985-\$ or JP-08174422-\$ or WO-2004033144-\$ or US-20050242066-\$ or WO-2004040023-\$ or US-20020014100-\$ or US-6171415-\$ or US-6338765-\$ or JP-2003113418-\$ or JP-2004130313-\$ or JP-2004148383-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/01/04 04:37
S32	98	S30 not (S31 or S19 or S29)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:37
S33	22	("3274033"   "4823599"   "4968359"   "5035142"   "5242512"   "5286313").PN. OR ("6338765").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 04:43
S34	67788	(ultra\$2so\$8) same (impact\$4 or peen or peened or peening or pin or pinned or pinning or shock\$ or treat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:48

S35	10044	S34 and weld\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:49
S36	7069	S35 and (radius or diameter or amplitude)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:49
S37	36792	(ultra\$2so\$8) near10 (impact\$4 or peen or peened or peening or pin or pinned or pinning or shock\$ or treat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:50
S38	5343	(ultra\$2so\$8) near10 (impact\$4 or peen or peened or peening or pin or pinned or pinning)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:50
S39	1871	S38 and weld\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:50
S40	378	S39 and pin same (diameter or radius)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:50
S41	128	S39 and pin same (diameter or radius) same (millimeter or mm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:51
S42	394	S39 and amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:54
S43	9	US "6467321"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:03

S44	16	("2356314"   "3150888"   "3349461"   "3359611"   "3451490"   "3595325"   "3609851"   "3680643"   "3937055"   "6171415").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 05:03
S45	1098	Prokopenko	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:06
S46	130	Statnikov	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:06
S47	10267	Xiong	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:06
S48	55	Berthelet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:06
S49	31	(UIT or ultraso\$6 adj2 impact\$4 adj2 treat\$4).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:07
S50	11538	S45 or S46 or S47 or S48 or S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:07
S51	578	S50 and (ultra\$2so\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:07
S52	91	S50 and (ultra\$2so\$8) same (impact\$4 or needl\$4 or pin or pinned or pinning or shock\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:07

S53	1614	S50 and (amplitude or radius or diameter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:09
S54	310	S50 and (amplitude or radius or diameter) and ultra\$3so\$8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:09
S55	340	S52 or S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:10
S56	1205	72/53.ccls. or 148/525,558.ccls. or 29/81.13,81.14,81.15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:17
S57	105	S56 and (ultra\$2so\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:17
S58	1	FR "2292045"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:21
S59	1	DE "3438742"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:21
S60	1	EP "82519"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:21
S61	3	US "4030947"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:21



S62	5283	m23-J\$2 or M24-D06\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:25
S63	12	B21J00/\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:26
S64	1184	B23K020/10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:26
S65	3	B21J000/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:26
S66	3	B21J000/\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:26
S67	192	C21D010/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:26
S68	6671	S62 or S63 or S64 or S65 or S66 or S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:27
S69	1097	S68 and ultra\$2so\$8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:27
S70	643	S69 and weld\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:27

S71	65	S68 and ultra\$2so\$8 near10 (impact\$4 or needl\$4 or pin or pinned or pinning or shock or hammer\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:28
S72	61	(Nippon adj2 Steel) and (amplitude same ultra\$3so\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:07
S73	22	(Nippon adj2 Steel) and (weld \$4 near5 toe same ultra\$3so\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:08
S74	401	(Sugimoto near2 Masakazu).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:09
S75	62	(Tominaga near2 Noriyoshi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:09
S76	74	(Kondo near2 Tetsumi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:09
S77	28	(S74 or S75 or S76) and (ultra \$3so\$8) and (peen\$4 or impact or shock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:10
S78	29	(S74 or S75 or S76) and (ultra \$3so\$8) and (peen\$4 or impact \$4 or shock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:10
S79	1	WO "02101097"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:30

S80	2	JP "09234585"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:39
S81	2	JP "10296461"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:39
S82	27	"6338765"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:42
S83	2	"20060137777"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 14:01
S84	2	"6338765".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:24
S85	2	"20020043313"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:24
S86	2	"20020124402"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:24
S87	2	"20020014100"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:24
S88	10	S83 or S84 or S85 or S86 or S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:24

S89	702	(Ishikawa near2 Tadashi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:25
S90	17	(Nakashima near2 Kiyotaka).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:26
S91	28	(Nose near2 Tetsuro).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:26
S92	849020	(Nippon).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:26
S93	5	(S89 or S90 or S91) and ("2009").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:26
S94	32	(S89 or S90 or S91) and ("2008").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:26
S95	37	(S89 or S90 or S91) and (ultra \$2son\$6 or ultrasound or ultrasonic or UIT or peen\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:28
S96	6346	(S92) and (ultra\$2son\$6 or ultrasound or ultrasonic or UIT or peen\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:31
S97	349	(S92) and (ultra\$2son\$6 or ultrasound or ultrasonic) near5 (peen\$4 or treat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:32

S98	47	(US-20050230010-\$ or US-20020014100-\$ or US-20020043313-\$ or US-20020189726-\$ or US-20040244882-\$ or US-20060137777-\$ or US-20020124402-\$ or US-20070134059-\$ or US-20060130942-\$).did. or (US-6467321-\$ or US-3937055-\$ or US-5976314-\$ or US-6338765-\$ or US-6458225-\$ or US-6171415-\$ or US-3349461-\$ or US-7399371-\$).did. or (WO-2004046399-\$ or WO-2004046398-\$ or WO-2004046395-\$ or WO-2004046394-\$ or WO-2004046392-\$ or WO-2004040023-\$).did. or (JP-2003183769-\$ or JP-2004169105-\$ or JP-2004169103-\$ or JP-2004169099-\$ or JP-2004169078-\$ or JP-2004167519-\$ or JP-2003113418-\$ or JP-2003001477-\$ or JP-2004169104-\$ or JP-2004169100-\$ or JP-2004169077-\$ or JP-2004167363-\$ or JP-2004149843-\$).did. or (US-6171415-\$ or US-6338765-\$ or JP-2003113418-\$ or JP-2004130313-\$ or JP-2004148383-\$ or SU-1420035-\$ or WO-9117273-\$ or WO-02101097-\$ or WO-2004040023-\$ or US-20020014100-\$ or US-20020043313-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/10/29 15:32
S99	331	S97 not S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:32
S100	7	JP "09234585" OR JP "64079320" OR JP "52022843" OR JP "2002291397" OR JP "2003113418"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:19

S101	99	(statnikov).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:21
S102	1034	(Prokopenko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:21
S103	27260	(ultra\$2sonic\$4 or ultra \$2sound) near5 (peen\$4 or treat \$4 or hammer\$4 or indent\$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:21
S104	48	(S101 or S102) and S103	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:22
S105	11	S104 and (pin or needle or hammer) same (diameter or radius)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:23
S106	14	S104 and (pin or needle or hammer or tip or indenter) same (diameter or radius)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:25
S107	680	148/516,525,558.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:59
S108	119	29/81.13,81.14,81.15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00
S109	692	72/53.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00

S110	8419	B23K31/00 or B23K031/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00
S111	2301	C21D7/04 or C21D007/04 or C21D7/06 or C21D007/06	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00
S112	662	C21D10/00 or C21D010/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00
S113	1383	M24-D06\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00
S114	13537	S107 or S108 or S109 or S110 or S111 or S112 or S113	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:03
S115	55	(US-20050230010-\$ or US- 20020014100-\$ or US- 20020043313-\$ or US- 20020189726-\$ or US- 20040244882-\$ or US- 20060137777-\$ or US- 20020124402-\$ or US- 20070134059-\$ or US- 20060130942-\$).did. or (US- 6467321-\$ or US-3937055-\$ or US-5976314-\$ or US-6338765-\$ or US-6458225-\$ or US- 6171415-\$ or US-3349461-\$ or US-7399371-\$).did. or (WO- 2004046399-\$ or WO- 2004046398-\$ or WO- 2004046395-\$ or WO- 2004046394-\$ or WO- 2004046392-\$ or WO- 2004040023-\$ or WO- 2004046560-\$ or WO- 2004042093-\$ or WO- 2004040022-\$).did. or (JP- 2003183769-\$ or JP- 2004169105-\$ or JP- 2004169103-\$ or JP- 2004169099-\$ or JP- 2004169078-\$ or JP-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/10/29 17:03

		2004167519-\$ or JP- 2003113418-\$ or JP- 2003001477-\$ or JP- 2004169104-\$ or JP- 2004169100-\$ or JP- 2004169077-\$ or JP- 2004167363-\$ or JP- 2004149843-\$ or JP- 2007284777-\$).did. or (US- 6171415-\$ or US-6338765-\$ or JP-2003113418-\$ or JP- 2004130313-\$ or JP- 2004148383-\$ or SU-1420035-\$ or WO-9117273-\$ or WO- 02101097-\$ or WO- 2004040023-\$ or US- 20020014100-\$ or US- 20020043313-\$ or JP- 2007283355-\$ or JP- 2006051540-\$ or CA-2454776-\$ or WO-2004046394-\$).did.				
S116	13495	S114 not S115	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:03
S117	159	S116 and (ultra\$2sonic\$4 or ultra\$2sound) near5 (peen\$4 or treat\$4 or hammer\$4 or indent \$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:04
S118	154	S117 not S106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:05
S119	11	S118 and (pin or needle or hammer or tip or indenter) same (diameter or radius)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:05
S120	20	S118 and ("2009").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:06
S121	30	S119 or S120	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:10



**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	539	148/516,525,558.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/02/25 09:33
L7	76	29/81.13,81.14,81.15.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/02/25 09:33
L8	419	72/53.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/02/25 09:33
L9	301	(ultra\$2sonic\$4 or ultra\$2sound) near5 (peen\$4 or treat\$4 or hammer\$4 or indent\$8)	UPAD	ADJ	ON	2010/02/25 09:33
L10	26	L9 and (pin or needle or hammer or tip or indenter) same (diameter or radius)	UPAD	ADJ	ON	2010/02/25 09:33
L11	77	(L6 or L7 or L8) and ("2009" or "2010").py.	US-PGPUB; USPAT	ADJ	ON	2010/02/25 09:33
S122	531	148/516,525,558.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/10/29 17:01
S123	76	29/81.13,81.14,81.15.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/10/29 17:01
S124	405	72/53.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/10/29 17:01
S125	417	(ultra\$2sonic\$4 or ultra\$2sound) near5 (peen\$4 or treat\$4 or hammer\$4 or indent\$8)	UPAD	ADJ	ON	2009/10/29 17:01
S126	36	S125 and (pin or needle or hammer or tip or indenter) same (diameter or radius)	UPAD	ADJ	ON	2009/10/29 17:02

**2/ 25/ 2010 9:46:47 AM****C:\ Documents and Settings\ mshevin\ My Documents\ EAST\ Workspaces\ 10-533607-RCE.wsp**